



DCMC Cube Content Review

Priority Surveillance

[Cpss.mdc](#)

PowerPlay

Displayed here is the initial screen when viewing the cube in PowerPlay.

Source Type Used for Cube

Cpss.IQD

	FY98	FY99	FY00	All Fiscal Years
EAST	71%	85%	95%	83%
INTL	77%	93%	87%	85%
WEST	92%	92%	96%	92%
All DCMC	79%	88%	96%	86%

Catalog

Priority Surveillance.CAT

Database

DIRAMS (DCMC Information Repository and Automated Metric System)

Business Plan Goal

FY 2000 Performance Goal [1.1.7](#)

Respond to the customer by the suspense date of the Customer Priority System Surveillance request 95% of the time.

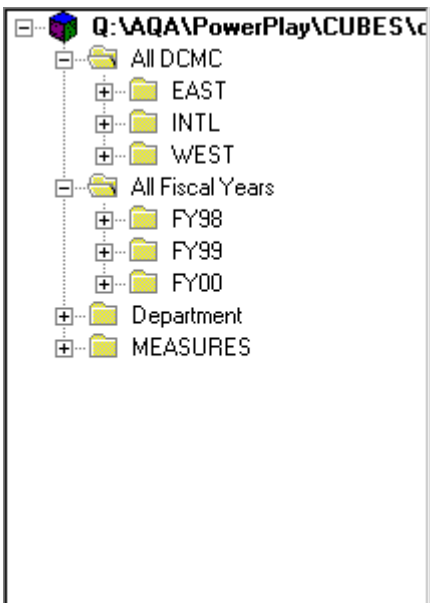
Metric Number: [3.7.2](#)

Title: Customer Priority Surveillance System(CPSS)



Dimension Viewer

The Dimension Viewer will enable the user to observe all of the categories without using the drill through feature. The dimension viewer may be turned on from the drop down view menu.



Dimension Line

The dimension line will display the stratification of the information. Displayed below is a sample of the dimension line for this cube and a list of all the dimensions.



1. All DCMC
2. All Fiscal Years
3. Department
4. Measures



Transformer

The dimension map contains all the levels within the cube

Dimension Map		
All DCMC	All Fiscal Years	Department
District	Year	Department
CAO	Month	
Office		

Measures

The last folder in the dimension line is the measures folder.

The Measures window displays all the performance measures associated with the business process.

Measures	
% On Time	
Average Cycle Time	
Quantity On Time	
Quantity Due	
Response Cycle Time	



Performance Measures

1. % On-Time

The 'Measure - % On Time' dialog box has a title bar with a question mark and a close button. It contains several tabs: 'Description', 'General', 'Rollup', 'Format', and 'Drill through'. The 'General' tab is selected. In the 'Measure name' field, the text '% On Time' is entered. Under 'Measure type', the 'Calculated' radio button is selected, and the 'Calculation...' button is visible. The 'Short name' field contains '<<From Measure Name>>'. The 'Measure label' field also contains '<<From Measure Name>>'. There are two checkboxes: 'Reverse the sign' (unchecked) and 'Allow currency conversion' (unchecked). The 'Missing value' dropdown is set to 'Default (Zero)'. The 'Output scale' is set to '0'. The 'Precision' is set to '0'. At the bottom are 'OK', 'Apply', and 'Cancel' buttons.

The 'Calculation' dialog box has a title bar with a question mark and a close button. It contains two fields: 'Name' with the value '% On Time' and 'Definition' with the formula '"Quantity On Time" / "Quantity Due"'. At the bottom are 'OK' and 'Cancel' buttons.

2. Average Cycle Time

The 'Measure - Average Cycle Time' dialog box has a title bar with a question mark and a close button. It contains several tabs: 'Description', 'General', 'Rollup', 'Format', and 'Drill through'. The 'General' tab is selected. In the 'Measure name' field, the text 'Average Cycle Time' is entered. Under 'Measure type', the 'Calculated' radio button is selected, and the 'Calculation...' button is visible. The 'Short name' field contains '<<From Measure Name>>'. The 'Measure label' field also contains '<<From Measure Name>>'. There are two checkboxes: 'Reverse the sign' (unchecked) and 'Allow currency conversion' (unchecked). The 'Missing value' dropdown is set to 'Default (Zero)'. The 'Output scale' is set to '0'. The 'Precision' is set to '0'. At the bottom are 'OK', 'Apply', and 'Cancel' buttons.

The 'Calculation' dialog box has a title bar with a question mark and a close button. It contains two fields: 'Name' with the value 'Average Cycle Time' and 'Definition' with the formula '"Response Cycle Time" / "Quantity Due"'. At the bottom are 'OK' and 'Cancel' buttons.



3. Quantity On Time

Measure - Quantity On Time

Measure name: Quantity On Time

Description

General Rollup Format Drill through

Measure type

☒ Column: On Time Indicator

☐ Calculated: Calculation...

Short name: <<From Measure Name>>

Measure label: <<From Measure Name>>

☐ Reverse the sign ☐ Allow currency conversion

Missing value: Default (Zero)

Output scale: 0

Storage type: Default (32-bit integer)

Precision: 0

OK Apply Cancel

4. Quantity Due

Measure - Quantity Due

Measure name: Quantity Due

Description

General Rollup Format Drill through

Measure type

☒ Column: Request Due Indicator

☐ Calculated: Calculation...

Short name: <<From Measure Name>>

Measure label: <<From Measure Name>>

☐ Reverse the sign ☐ Allow currency conversion

Missing value: Default (Zero)

Output scale: 0

Storage type: Default (32-bit integer)

Precision: 0

OK Apply Cancel

5. Response Cycle Time

Measure - Response Cycle Time

Measure name: Response Cycle Time

Description

General Rollup Format Drill through

Measure type

☒ Column: Response Cycle Time

☐ Calculated: Calculation...

Short name: <<From Measure Name>>

Measure label: Response Cycle Time

☐ Reverse the sign ☐ Allow currency conversion

Missing value: Default (Zero)

Output scale: 0

Storage type: 32-bit integer

Precision: 0

OK Apply Cancel



Queries (Impromptu Query Definition File)

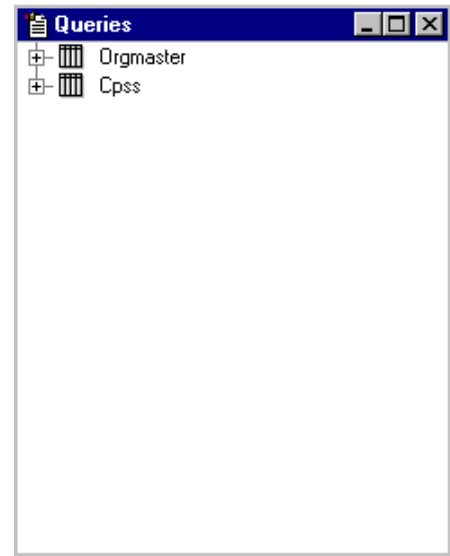
Retrieves all source data used to build a cube from Dirams.

Query: Orgmaster

1. CAO Code
2. CAO Name
3. District
4. Admin By Dodaac
5. Count Td Piin

Query: Cpss

1. Admin By Dodaac
2. CAO Received Date
3. CAO Reply Date
4. Completed Date
5. Contract Number
6. Contractor CAGE Code
7. Contractor Name
8. CPSS Sequence Number
9. Plant Visit Date
10. Plant Visit Reason
11. Request Date
12. Suspense Date
13. Type Request
14. Department
15. Response Cycle Time
16. On Time Indicator
17. Request Due Indicator



PowerCubes

Displays all cubes created in PowerPlay





Impromptu

Components of the Source IMR

Displayed below is a portion of the initial screen for the source Impromptu report.

Impromptu - [Priority_Surveillance_Cube]								
File Edit View Insert Format Report Catalog Tools Window Help								
CAO DoDAAC	Request Date	CAO Received Date	Suspense Date	Request Due Indicator	CAO Reply Date	Completed Date	On Time Indicator	Contr
S4402A	7/21/98 12:00AM	7/21/98 12:00AM	7/27/98 12:00AM	1	8/1/98 12:00AM	7/31/98 12:00AM		N001049
S4402A	7/19/99 12:00AM	7/19/99 12:00AM	7/26/99 12:00AM	1	7/26/99 12:00AM	7/23/99 12:00AM	1	SP04759
S4402A	9/18/99 12:00AM	9/18/99 12:00AM	9/24/99 12:00AM	1	9/23/99 12:00AM	9/20/99 12:00AM	1	SP04759
S4402A	9/10/97 12:00AM	9/10/97 12:00AM	9/17/97 12:00AM	1	9/15/97 12:00AM	9/11/97 12:00AM	1	N001049
S4402A	2/17/99 12:00AM	2/17/99 12:00AM	2/24/99 12:00AM	1	2/17/99 12:00AM	2/17/99 12:00AM	1	SP09309
S4402A	4/14/99 12:00AM	4/14/99 12:00AM	4/21/99 12:00AM	1	4/15/99 12:00AM	4/15/99 12:00AM	1	N001049
S4402A	4/15/99 12:00AM	4/15/99 12:00AM	5/7/99 12:00AM	1	5/6/99 12:00AM	5/6/99 12:00AM	1	N001049
S4402A	4/21/99 12:00AM	4/21/99 12:00AM	4/28/99 12:00AM	1	4/26/99 12:00AM	4/26/99 12:00AM	1	SP09309
S4402A	4/15/99 12:00AM	4/15/99 12:00AM	5/27/99 12:00AM	1	5/26/99 12:00AM	5/26/99 12:00AM	1	N001049
S4402A	5/26/99 12:00AM	5/26/99 12:00AM	6/24/99 12:00AM	1	6/17/99 12:00AM	6/17/99 12:00AM	1	N001049
S4402A	5/26/99 12:00AM	5/26/99 12:00AM	7/8/99 12:00AM	1	7/6/99 12:00AM	7/6/99 12:00AM	1	N001049
S4402A	5/26/99 12:00AM	5/26/99 12:00AM	8/2/99 12:00AM	1	7/21/99 12:00AM	7/21/99 12:00AM	1	N001049
S4402A	4/2/98 12:00AM	4/2/98 12:00AM	4/9/98 12:00AM	1	4/3/98 12:00AM	4/3/98 12:00AM	1	DAAE20
S4402A	11/1/99 12:00AM	11/1/99 12:00AM	11/8/99 12:00AM	1	11/1/99 12:00AM	11/1/99 12:00AM	1	F416089
S4402A	8/31/98 12:00AM	8/31/98 12:00AM	9/7/98 12:00AM	1	9/2/98 12:00AM	9/2/98 12:00AM	1	SP07709
S4402A	5/7/99 12:00AM	5/7/99 12:00AM	5/14/99 12:00AM	1	5/10/99 12:00AM	5/10/99 12:00AM	1	F416089
S4402A	5/7/99 12:00AM	5/7/99 12:00AM	5/17/99 12:00AM	1	5/17/99 12:00AM	5/17/99 12:00AM	1	F416089
S4402A	5/7/99 12:00AM	5/7/99 12:00AM	5/27/99 12:00AM	1	5/25/99 12:00AM	5/25/99 12:00AM	1	F416089
S4402A	5/29/99 12:00AM	5/29/99 12:00AM	6/5/99 12:00AM	1	6/4/99 12:00AM	6/4/99 12:00AM	1	SP07409



Query Data

- ☐ CAO DoDAAC
- ☐ CAO Received Date
- ☐ CAO Reply Date
- ☐ Completed Date
- ☐ Contract Number
- ☐ Contractor CAGE Code
- ☐ Contractor Name
- ☐ Buying Activity
- ☐ CPSS Sequence Number
- ☐ Plant Visit Date
- ☐ Plant Visit Reason
- ☐ Request Date
- ☐ Suspense Date
- ☐ Type Request
- ☐ Department
- ☒ Response Cycle Time
- ☒ On Time Indicator
- ☒ Request Due Indicator

The 'Query' dialog box is shown with the 'Data' tab selected. The 'Catalog' pane on the left contains 'CPSS Master' and 'Admin'. The 'Query data' pane on the right lists fields: CAO DoDAAC, CAO Received Date, CAO Reply Date, Completed Date, Contract Number, Contractor CAGE Code, Contractor Name, Buying Activity, CPSS Sequence Number, Plant Visit Date, Plant Visit Reason, Request Date, Suspense Date, Type Request, and Department. The 'Data source' is set to 'Catalog'. Buttons at the bottom include 'Browse...', 'Build Crosstab', 'Edit Definition...', 'Mark for Insertion', 'OK', and 'Cancel'.

Filter

Selects specific information

Filter Definition

There is no filter in this report

The 'Filter Definition' dialog box is shown with the 'Filter' tab selected. The 'Available components' pane on the left lists: Report Columns, Functions, Value, Catalog Columns..., user ID, Prompt Manager..., if, exists, lookup, +, -, not, and (. The 'Filter definition' pane on the right is empty. Below it are 'And', 'Or', and 'Clear' buttons. The 'Filter options' section has 'Filter type' set to 'Detail' and 'Suspend the filter' unchecked. The 'Eliminate duplicate rows' checkbox is also unchecked. The 'Tips' section contains the text: 'Use the available components to define or add to an expression.' Buttons at the bottom are 'OK' and 'Cancel'.



Calculations

Data Definition

Name: Response Cycle Time

Available components:

- + - * /

Expression: day (CAD Reply Date - CAD Received Date)

And Or Clear

Tips: Use the available components to define or add to an expression.

Association: Auto-Group

Calculate before the summary filter is applied

OK Cancel Help

Data Definition

Each calculation is defined using the Query Data Name followed by the Expression

1. Response Cycle Time

```
day ( CAD Reply Date - CAD Received Date )
```

2. On Time Indicator

```
if ( Suspense Date < now ( ) and CAD Reply Date <= Suspense Date ) then ( '1' ) else NULL
```

3. Request Due Indicator

```
if ( Suspense Date < now ( ) ) then ( '1' ) else NULL
```